

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/185,408

DATE: 11/29/2001
TIME: 10:09:43

Input Set : N:\Crf3\RULE60\09185408.txt
Output Set: N:\CRF3\11292001\I185408.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:

5 (i) APPLICANT: THE UNITED STATES OF AMERICA, AS REPRESENTED
6 BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES IN
7 CARE OF NATIONAL INSTITUTES OF HEALTH Office of Technology
8 Transfer Suite 325, 6011 Executive Boulevard, Rockville, MD
9 20852

11 (ii) TITLE OF INVENTION: GLYCOPROTEIN HORMONE SUPERAGONISTS

13 (iii) NUMBER OF SEQUENCES: 37

15 (iv) CORRESPONDENCE ADDRESS:

16 (A) ADDRESSEE: NEEDLE & ROSENBERG, P.C.
17 (B) STREET: Suite 1200, 127 Peachtree Street
18 (C) CITY: Atlanta
19 (D) STATE: Georgia
20 (E) COUNTRY: USA
21 (F) ZIP: 30303

23 (v) COMPUTER READABLE FORM:

24 (A) MEDIUM TYPE: Floppy disk
25 (B) COMPUTER: IBM PC compatible
26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
27 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

29 (vi) CURRENT APPLICATION DATA:

C--> 30 (A) APPLICATION NUMBER: US/09/185,408
C--> 31 (B) FILING DATE: 03-Nov-1998
32 (C) CLASSIFICATION:

34 (vii) PRIOR APPLICATION DATA:

35 (A) APPLICATION NUMBER: PCT/US96/06483
36 (B) FILING DATE:

40 (viii) ATTORNEY/AGENT INFORMATION:

41 (A) NAME: Perryman, David G.
42 (B) REGISTRATION NUMBER: 33,438
43 (C) REFERENCE/DOCKET NUMBER: 14014.0185/P

45 (ix) TELECOMMUNICATION INFORMATION:

46 (A) TELEPHONE: 404/688-0770
47 (B) TELEFAX: 404/688-9880

50 (2) INFORMATION FOR SEQ ID NO: 1:

52 (i) SEQUENCE CHARACTERISTICS:

53 (A) LENGTH: 22 base pairs
54 (B) TYPE: nucleic acid
55 (C) STRANDEDNESS: single
56 (D) TOPOLOGY: linear

58 (ii) MOLECULE TYPE: DNA (genomic)

63 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

65 CCTGATAGAT TGCCAGAAT GC

67 (2) INFORMATION FOR SEQ ID NO: 2:

69 (i) SEQUENCE CHARACTERISTICS:

70 (A) LENGTH: 24 base pairs

ENTERED

22

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71      (B) TYPE: nucleic acid
72      (C) STRANDEDNESS: single
73      (D) TOPOLOGY: linear
75      (ii) MOLECULE TYPE: DNA (genomic)
80      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
82 GTGATAATAA CAAGTACTGC AGTG
84 (2) INFORMATION FOR SEQ ID NO: 3:
86      (i) SEQUENCE CHARACTERISTICS:
87          (A) LENGTH: 12 amino acids
88          (B) TYPE: amino acid
89          (C) STRANDEDNESS: Not Relevant
90          (D) TOPOLOGY: linear
92      (ii) MOLECULE TYPE: peptide
97      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
99      Cys Thr Leu Gln Glu Asn Pro Phe Phe Ser Gln Pro
100      1          5          10
102 (2) INFORMATION FOR SEQ ID NO: 4:
104      (i) SEQUENCE CHARACTERISTICS:
105          (A) LENGTH: 12 amino acids
106          (B) TYPE: amino acid
107          (C) STRANDEDNESS: Not Relevant
108          (D) TOPOLOGY: linear
110      (ii) MOLECULE TYPE: peptide
115      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
117      Cys Thr Leu Gln Glu Asn Pro Phe Phe Ser Gln Pro
118      1          5          10
120 (2) INFORMATION FOR SEQ ID NO: 5:
122      (i) SEQUENCE CHARACTERISTICS:
123          (A) LENGTH: 12 amino acids
124          (B) TYPE: amino acid
125          (C) STRANDEDNESS: Not Relevant
126          (D) TOPOLOGY: linear
128      (ii) MOLECULE TYPE: peptide
133      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
135      Cys Thr Leu Gln Glu Asn Pro Phe Phe Ser Gln Pro
136      1          5          10
138 (2) INFORMATION FOR SEQ ID NO: 6:
140      (i) SEQUENCE CHARACTERISTICS:
141          (A) LENGTH: 12 amino acids
142          (B) TYPE: amino acid
143          (C) STRANDEDNESS: Not Relevant
144          (D) TOPOLOGY: linear
146      (ii) MOLECULE TYPE: peptide
151      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
153      Cys Gln Leu His Glu Asn Pro Phe Phe Ser Gln Pro
154      1          5          10
156 (2) INFORMATION FOR SEQ ID NO: 7:
158      (i) SEQUENCE CHARACTERISTICS:
159          (A) LENGTH: 12 amino acids

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24

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160      (B) TYPE: amino acid
161      (C) STRANDEDNESS: Not Relevant
162      (D) TOPOLOGY: linear
164      (ii) MOLECULE TYPE: peptide
169      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
171      Cys Lys Pro Arg Glu Asn Gln Phe Phe Ser Lys Pro
172      1          5          10
174 (2) INFORMATION FOR SEQ ID NO: 8:
176      (i) SEQUENCE CHARACTERISTICS:
177          (A) LENGTH: 12 amino acids
178          (B) TYPE: amino acid
179          (C) STRANDEDNESS: Not Relevant
180          (D) TOPOLOGY: linear
182      (ii) MOLECULE TYPE: peptide
187      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
189      Cys Lys Pro Arg Glu Asn Lys Phe Phe Ser Lys Pro
190      1          5          10
192 (2) INFORMATION FOR SEQ ID NO: 9:
194      (i) SEQUENCE CHARACTERISTICS:
195          (A) LENGTH: 12 amino acids
196          (B) TYPE: amino acid
197          (C) STRANDEDNESS: Not Relevant
198          (D) TOPOLOGY: linear
200      (ii) MOLECULE TYPE: peptide
205      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
207      Cys Lys Leu Lys Glu Asn Lys Tyr Phe Ser Arg Leu
208      1          5          10
210 (2) INFORMATION FOR SEQ ID NO: 10:
212      (i) SEQUENCE CHARACTERISTICS:
213          (A) LENGTH: 12 amino acids
214          (B) TYPE: amino acid
215          (C) STRANDEDNESS: Not Relevant
216          (D) TOPOLOGY: linear
218      (ii) MOLECULE TYPE: peptide
223      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
225      Cys Lys Leu Lys Glu Asn Lys Tyr Phe Ser Lys Pro
226      1          5          10
228 (2) INFORMATION FOR SEQ ID NO: 11:
230      (i) SEQUENCE CHARACTERISTICS:
231          (A) LENGTH: 12 amino acids
232          (B) TYPE: amino acid
233          (C) STRANDEDNESS: Not Relevant
234          (D) TOPOLOGY: linear
236      (ii) MOLECULE TYPE: peptide
241      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
243      Cys Lys Leu Lys Glu Asn Lys Tyr Phe Ser Lys Pro
244      1          5          10
246 (2) INFORMATION FOR SEQ ID NO: 12:
248      (i) SEQUENCE CHARACTERISTICS:

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249      (A) LENGTH: 12 amino acids
250      (B) TYPE: amino acid
251      (C) STRANDEDNESS: Not Relevant
252      (D) TOPOLOGY: linear
254      (ii) MOLECULE TYPE: peptide
259      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
261      Cys Lys Leu Arg Glu Asn Lys Tyr Phe Phe Lys Leu
262      1          5          10
264 (2) INFORMATION FOR SEQ ID NO: 13:
266      (i) SEQUENCE CHARACTERISTICS:
267          (A) LENGTH: 12 amino acids
268          (B) TYPE: amino acid
269          (C) STRANDEDNESS: Not Relevant
270          (D) TOPOLOGY: linear
272      (ii) MOLECULE TYPE: peptide
277      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
279      Cys Lys Leu Lys Glu Asn Lys Tyr Phe Ser Lys Leu
280      1          5          10
282 (2) INFORMATION FOR SEQ ID NO: 14:
284      (i) SEQUENCE CHARACTERISTICS:
285          (A) LENGTH: 12 amino acids
286          (B) TYPE: amino acid
287          (C) STRANDEDNESS: Not Relevant
288          (D) TOPOLOGY: linear
290      (ii) MOLECULE TYPE: peptide
295      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
297      Cys Lys Leu Lys Glu Asn Lys Tyr Phe Ser Lys Leu
298      1          5          10
300 (2) INFORMATION FOR SEQ ID NO: 15:
302      (i) SEQUENCE CHARACTERISTICS:
303          (A) LENGTH: 12 amino acids
304          (B) TYPE: amino acid
305          (C) STRANDEDNESS: Not Relevant
306          (D) TOPOLOGY: linear
308      (ii) MOLECULE TYPE: peptide
313      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
315      Cys Lys Leu Lys Glu Asn Lys Tyr Phe Ser Lys Leu
316      1          5          10
318 (2) INFORMATION FOR SEQ ID NO: 16:
320      (i) SEQUENCE CHARACTERISTICS:
321          (A) LENGTH: 12 amino acids
322          (B) TYPE: amino acid
323          (C) STRANDEDNESS: Not Relevant
324          (D) TOPOLOGY: linear
326      (ii) MOLECULE TYPE: peptide
331      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
333      Cys Lys Leu Lys Glu Asn Lys Tyr Phe Ser Lys Leu
334      1          5          10
336 (2) INFORMATION FOR SEQ ID NO: 17:

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338      (i) SEQUENCE CHARACTERISTICS:
339          (A) LENGTH: 12 amino acids
340          (B) TYPE: amino acid
341          (C) STRANDEDNESS: Not Relevant
342          (D) TOPOLOGY: linear
344      (ii) MOLECULE TYPE: peptide
349      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
351      Cys Lys Leu Lys Gln Asn Lys Tyr Phe Ser Lys Leu
352      1          5          10
354 (2) INFORMATION FOR SEQ ID NO: 18:
356      (i) SEQUENCE CHARACTERISTICS:
357          (A) LENGTH: 12 amino acids
358          (B) TYPE: amino acid
359          (C) STRANDEDNESS: Not Relevant
360          (D) TOPOLOGY: linear
362      (ii) MOLECULE TYPE: peptide
367      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
369      Cys Lys Leu Gly Glu Asn Arg Phe Phe Ser Lys Pro
370      1          5          10
372 (2) INFORMATION FOR SEQ ID NO: 19:
374      (i) SEQUENCE CHARACTERISTICS:
375          (A) LENGTH: 12 amino acids
376          (B) TYPE: amino acid
377          (C) STRANDEDNESS: Not Relevant
378          (D) TOPOLOGY: linear
380      (ii) MOLECULE TYPE: peptide
385      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
387      Cys Lys Leu Gly Glu Asn Arg Phe Phe Ser Lys Pro
388      1          5          10
390 (2) INFORMATION FOR SEQ ID NO: 20:
392      (i) SEQUENCE CHARACTERISTICS:
393          (A) LENGTH: 12 amino acids
394          (B) TYPE: amino acid
395          (C) STRANDEDNESS: Not Relevant
396          (D) TOPOLOGY: linear
398      (ii) MOLECULE TYPE: peptide
403      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
405      Cys Lys Leu Gly Glu Asn Arg Phe Phe Ser Lys Pro
406      1          5          10
408 (2) INFORMATION FOR SEQ ID NO: 21:
410      (i) SEQUENCE CHARACTERISTICS:
411          (A) LENGTH: 12 amino acids
412          (B) TYPE: amino acid
413          (C) STRANDEDNESS: Not Relevant
414          (D) TOPOLOGY: linear
416      (ii) MOLECULE TYPE: peptide
421      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:
423      Cys Arg Leu Lys Glu Asn Leu Arg Phe Ser Asn Met
424      1          5          10

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VERIFICATION SUMMARY

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Input Set : N:\Crf3\RULE60\09185408.txt

Output Set: N:\CRF3\11292001\I185408.raw

L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]